

**IN THE SPECIFICATION:**

Please amend the specification as follows:

Paragraph beginning on page 4, at prenumbered line 18, has been amended as follows:

Referring to Fig. 3, the meaning of these three registers, R\_index 111, P\_index 121 and LBA\_max, LBA\_max 131 (maximum value of LBA), are illustrated and these three parameters can be utilized to determine the partitioned disk. The rule for determining the partitioned disk is as follows: (1) When the register R\_index  $\geq 1$  and the register LBA\_max > the register P\_index > the register R\_index, the disk drive 1 is divided into three zones, the user zone 13, the ROM zone 11 and the protect zone 12. (2) When the register R\_index  $\geq 1$  and the register LBA\_max = the register P\_index > the register R\_index, the disk drive 1 is divided into two zones, the user zone and the ROM zone. (3) When the register R\_index  $\geq 1$  and the register LBA\_max > the register P\_index = the register R\_index, the disk drive 1 is divided into two zones, the user zone and the protect zone. (4) when the register R\_index  $\geq 1$  and the register LBA\_max = the register P\_index = the register R\_index, the disk drive is divided into the user zone. Wherein, the three registers, R\_index 111, P\_index 121 and LBA\_max, are assigned a value by way of the utility and, for instance, the utility A can find the length of each zone in a master boot record (MBR) of the disk drive 1 automatically and assign a value to the three registers, R\_index 111, P\_index 121 and LBA\_max respectively after counting.

Paragraph beginning on page 7, at prenumbered line 4, has been amended as follows:

Referring to Fig. 6, the firmware corresponding to the operation mode of password in the preferred embodiment of the present invention is illustrated. As soon as the firmware has obtained an effective password 22 designated by the key numbers 40, 41 among 128 passwords, a calculation process shown in Fig. 6 is performed such that the function of the ROM zone 11 or the protect zone 12 is unlocked in case of calculated result being the same as the R\_password 30 or the

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P\_password 31. That is, the read only function of the ROM zone 11 or the protect function of hte protect zone is disabled so that hte ROM zone 11 or the protect zone can be read or written data as the user zone does. In Fig. 6, a specific logical operation or a formula 5 is performed to produce an answer 51 to the specific logical operation or the formula 5.